

Circular

Precautionary Measures to Prevent Damages to the Foodgrain in CAP & Covered due to Un-timely Rains -regarding.

There are un-timely rains thunder storms in the entire Punjab which has direct impact on safe storage & preservation of stocks in warehouses and open complexes. The rain water affects in 2 ways, first by direct entry of rain water in godown/stocks and thereby dis-colouring/ damaging the stocks. Secondly, the relative humidity and temperature creates optimum environment for rapid multiplications of insects. We should accept this challenge of nature and should adopt all preventive and curative measures for proper upkeep of stocks in storage. Instructions to preserve the stocks during rainy season has been issued time & again and need not to accentuate further. However guidelines in this regard are again reiterated for your ready reference:-

- i) A thorough inspection of the godowns should be conducted to find out the leaky roofs as well as the points found to have been leaking during last rainy season. The repair of such points should be taken up on war-footing. Drainage system should be thoroughly got cleaned so that water flow is not restricted due to presence and accumulation of various obstacles.
- ii) The internal road in the premises of the warehouse as well as in the hired godowns should be leveled properly to avoid any flow of water into the godowns or stagnations in the compound.
- iii) Proper lighting arrangement should be made in and around the Warehouses.
- iv) During the course of heavy rains all the stacks should be thoroughly inspected against the roof leakage and floor seepage, if in any case damage is noticed, immediate salvaging operations of the affected stocks should be undertaken as the delay may result in heavy losses.
- v) It has been noticed that rain water after accumulation on open plinth enter under the wooden crates due to depressions on plinths etc. which cause damage to the stocks. Such defects should be removed urgently to ensure that there is no entry of rain water beneath the w/crates.
- vi) During this rabi season wheat stocks have also been stored on the roads/ brick paved in the campus or by creating temporary storage arrangement. For such stocks, more vigilance is required to ensure that there is no accumulation of rain water in the campus during rains. So it should be ensured right from now that present arrangement of drainage of rain water have been made by providing drainage channels in the campus / plinths where stocks have been stored.
- vii) There should be no part stack in open as it is difficult to cover and lash such stacks and also chances of cover being blown away by mild wind increases. Hence such part stacks must be liquidated on priority.
- viii) Utmost efforts be made not to leave the bottom layers during despatches. The major damage takes place during rainy season due to wetting/ damage to the loose grain/ scattered bags of left over of lower layers. Hence left over lower layers if any, should immediately be refilled, collected, stacked, covered and lashed properly
- ix) Regular prophylactic and curative operations should be carried out for the control of insects/ pests in food grains stored in CAP storage. Besides, rat control measures must be taken regularly by fumigating the rat burrows with AIP for poisoning the rodents with zinc phosphide
- x) During monsoon period the stack should be properly covered with good quality polythene covers along with nylon nets and these should be tightened to avoid ballooning during cyclones/ fast winds.
- xi) Birds like parrots, sparrows, pigeons, crows and myna, the major avian bird pests for foodgrain stored in CAP are to be controlled more vigorously as compared to the godown by using birds scares, making noise / destroying nests etc.
- xii) They not only eat away the grains but also cause extensive spillage, damage to bags and polythene covers. Thus rendering them unfit for fumigation.

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- xiii) Moisture, a major factor responsible for effecting the quality of food grains, must be controlled meticulously. CAP storage being in open, moisture in stocks from the outside may come in by way of leakage/ seepage. This creates favourable condition for insects, infestation, fungus development, heating and deterioration of food grains.
- xiv) Whenever heating of grains is observed the stack should immediately be broken and aerated.

The above instructions are to be complied strictly to avoid damage to the stocks. Any deviation may attract appropriate administrative action.


General Manager (QC)
For Managing Director.

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/2017 dated:- **01.06.2017**

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4. Chief Technology Officer, with the request to get this circular uploaded on portal.


General Manager (QC)
For Managing Director